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MEAN WELL

SWITCHING POWER SUPPLY

ISO-9001 CERTIFIED MANUFACTURER

P66A -SINGLE SERIES

Jameco Part Number 243045 (P66A-5P2JU)

- .FULL RANGE AC INPUT
- .IEC320-C14(3POLE INLET)
- .COMPACT SIZE, LIGHT WEIGHT
- .FULLY ENCLOSED PLASTIC CASE
- .100% FULL LOAD BURN-IN TEST
- .LED INDICATE FOR POWER ON
- .FULL OUTPUT 3~48VDC SAFETY APPROVED
- .SHORT CIRCUIT PROTECTED
- .OVER LOAD PROTECTION
- .OVER VOLTAGE PROTECTED
- .APPROVALS:UL/CUL/TUV/CB/CE
- .IEC320-C8(2 POLE INLET)OPTION

TYPE NO. / SPECIFICATION	P66A-0R1C	P66A-1R1C	P66A-1-1R1C	P66A-2P2J	P66A-3P2J	P66A-4P2J	P66A-5P2J	P66A-6P2J	P66A-8P2J
SAFETY MODEL NO.	PSU66A-0	PSU66A-1	PSU66A-1-1	PSU66A-2	PSU66A-3	PSU66A-4	PSU66A-5	PSU66A-6	PSU66A-8
DC OUTPUT VOLTAGE	3.3V	5V	7.5V	9V	12V	15V	18V	24V	48V
OUTPUT V. TOLERANCE	±5%	±5%	±5%	±5%	±3%	±3%	±3%	±3%	±2%
OUTPUT RATED CURRENT	7.27A	8.50A	6.40A	5.55A	5.50A	4.40A	3.66A	2.75A	1.37A
OUTPUT CURRENT RANGE	0-7.27A	0-8.50A	0-6.40A	0-5.55A	0-5.50A	0-4.40A	0-3.66A	0-2.75A	0-1.37A
RIPPLE & NOISE (p-p)	50mV	50mV	80mV	80mV	80mV	100mV	100mV	150mV	150mV
LINE REGULATION	±1%	±1%	±1%	±1%	±1%	±1%	±1%	±1%	±1%
LOAD REGULATION	±5%	±5%	±5%	±5%	±3%	±3%	±3%	±3%	±2%
DC OUTPUT POWER	24W	42.5W	48W	50W	66W	66W	66W	66W	66W
EFFICIENCY	65%	70%	72%	74%	75%	78%	78%	80%	82%
DC VOLTAGE ADJ.	FIXED								
INPUT VOLTAGE RANGE	90~264VAC 47~63Hz								
AC CURRENT	1.5A/230VAC								
AC INPUT CONNECTOR	IEC320-C14, 3PIN INLET								
INRUSH CURRENT	COLD START < 40A PEAK @ 230VAC								
LEAKAGE CURRENT	<0.35mA/240VAC								
OVERLOAD PROTECTION	PULSING MODE, RESET:AUTO RECOVERY								
OVER VOLTAGE PROTECTION	110%~140%								
OVER TEMP. PROTECTION	--------								
TEMP. COEFFICIENT	±0.03% / °C (0~50°C)								
SETUP, RISE, HOLD UP TIME	200ms, 50ms, 16ms								
VIBRATION	10~500Hz, 2G 10min./1cycle, PERIOD FOR 60min. EACH AXES								
WITHSTAND VOLTAGE	I/P-O/P:3KVAC, I/P-FG:1.5KVAC FOR 1min.								
ISOLATION RESISTANCE	I/P-O/P, I/P-FG:500VDC / 100M Ohms min.								
WORKING TEMP., HUMIDITY	0°C~+30°C @ 100%LOAD, 50°C @ 60% LOAD, 20%~90% RH (TYPICAL)								
STORAGE TEMP., HUMIDITY	-20°C~+85°C, 10%~95% RH								
DIMENSION	L*W*H:147*75.5*43.2mm								
WEIGHT; Q'TY/CARTON	0.55Kgs								
SAFETY STANDARDS	UL1950, CSA22.2, EN60950 APPROVAL								
EMC STANDARDS	EN55022 CLASS B, EN61000-3-2,3, EN61000-4-2,3,4,5,6,11 VERIFICATION								
LENGTH OF OUTPUT CABLE	180cm OF SPT-1, 18AWG*2C FOR P2J USE(TYPICAL) 120cm OF AWG2464, 18AWG*4C FOR R1C USE(TYPICAL)								
PLUG OF DC OUTPUT	STANDARD PLUG P2J:2.1¢*5.5¢*11mm, CENTER POSITIVE(TYPICAL) STANDARD PLUG R1C:DIN 5 PIN(TYPICAL)								

NOTE：

1.ALL PARAMETERS ARE SPECIFIED AT 230VAC INPUT, RATED LOAD, 25ºC 70% RH. AMBIENT.

2.TOLERANCE: INCLUDE SET UP TOLERANCE, LINE REGULATION, LOAD REGULATION.

3.RIPPLE & NOISE ARE MEASURED AT 20MHz BY USING A 12" TWISTED PAIR TERMINATED WITH A 0.1uF & 47uF CAPACITOR.

4.LINE REGULATION IS MEASURED FROM LOW LINE TO HIGH LINE AT RATED LOAD.

5.LOAD REGULATION IS MEASURED FROM 0% TO 100% RATED LOAD.

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